

**ABSTRACT****VACCINE DELIVERY SYSTEM AND METHOD OF PRODUCTION**

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The present invention concerns polymer particle vaccine delivery systems in which a water insoluble protein antigen, eg a lipidated HpaA protein, is incorporated with particles comprising a polymer matrix. The present invention also concerns a method for incorporating such a water insoluble protein antigen with a polymer matrix in order to produce a polymer particle vaccine delivery system. In addition, the invention also provides a vaccine composition comprising the polymer particle delivery system. The vaccine can be used to treat and/or reduce the risk of for example *Helicobacter* infection.

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